

Title (en)
CRYSTALLINE POLY-4-METHYL-1-PENTENE POLYMER COMPOSITION

Publication
EP 0512851 A3 19930224 (EN)

Application
EP 92304157 A 19920508

Priority
JP 10422391 A 19910509

Abstract (en)
[origin: EP0512851A2] A crystalline poly-4-methyl-1-pentene composition comprises poly-4-methyl-1-pentene having incorporated therein a polymer of a compound represented by $\text{CH}_2=\text{CH}(\text{CH}_2)_n\text{R}$ (I) wherein R represents a cyclic hydrocarbon group and n is an integer of from 0 to 10, e.g., vinylcyclohexane and its derivatives, in an amount corresponding to 0.05 to 10000 ppm by weight of the monomer unit derived from the compound represented by formula (I). Methods of preparing the incorporated polymer (I) and of incorporating it are disclosed. The composition can be molded or formed to shape. The composition has a high rate of crystallization and a high crystallization temperature.

IPC 1-7
C08L 23/20

IPC 8 full level
C08F 297/06 (2006.01); **C08L 23/18** (2006.01); **C08L 23/20** (2006.01)

CPC (source: EP KR)
C08F 297/06 (2013.01 - EP); **C08L 23/18** (2013.01 - KR); **C08L 23/20** (2013.01 - EP)

Citation (search report)

- [Y] EP 0152701 A1 19850828 - SUMITOMO CHEMICAL CO [JP]
- [Y] EP 0191240 A2 19860820 - MITSUI PETROCHEMICAL IND [JP]
- [X] EP 0171895 A2 19860219 - SUMITOMO CHEMICAL CO [JP]
- [X] DE 1494189 A1 19700312 - MONTEDISON SPA
- [A] US 4146591 A 19790327 - FUKUI KUNISUKE, et al

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 0512851 A2 19921111; **EP 0512851 A3 19930224**; CA 2068251 A1 19921110; JP H04332741 A 19921119; KR 920021642 A 19921218; TW 203064 B 19930401

DOCDB simple family (application)
EP 92304157 A 19920508; CA 2068251 A 19920508; JP 10422391 A 19910509; KR 920007876 A 19920509; TW 81103991 A 19920521